



Oxford Read and Discover

Earth

Richard Northcott

Read and discover all about Earth ...

- How old are Earth's mountains?
- What is under the land?

Read and discover more about the world! This series of non-fiction readers provides interesting and educational content, with activities and project work.

Series Editor: Hazel Geatches

Audio CD Pack available

Word count for this reader: 820



Level 1

300 headwords



Level 3

600 headwords



Level 5

900 headwords



Level 2

450 headwords



Level 4

750 headwords



Level 6

1,050 headwords

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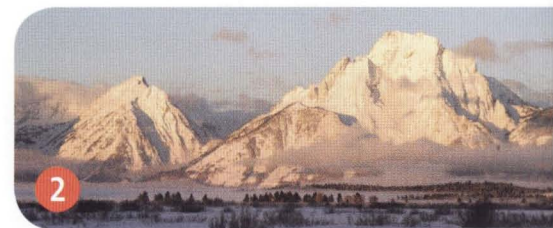
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Introduction

Let's look at Earth. Let's look at oceans and rivers, mountains and forests. Earth is amazing, and it has lots of amazing places.



Where is it hot on Earth?
Where is it cold on Earth?
Where can we find water on Earth?



Now read and discover
more about Earth!

1

What Is Earth?



We're in space and we're looking at Earth. What can we see? We can see many colors. We can see land, water, and clouds.

Earth is a planet. There are many, many planets in space, but there's only one Earth. Earth is our home. Millions of plants, animals, and people live here.



On the land, there are forests, mountains, and deserts. Most of Earth's water is in oceans, but there's water in lakes and rivers, too.



Earth goes around the sun every year. Earth also turns every day.

2

Land

We live on the land. The land is under our feet. The land can be snowy mountains or green valleys. It can be forests or deserts.

These mountains are in China. Next to the mountains, there are valleys. The mountains and valleys on Earth are millions of years old.

Mountains in China



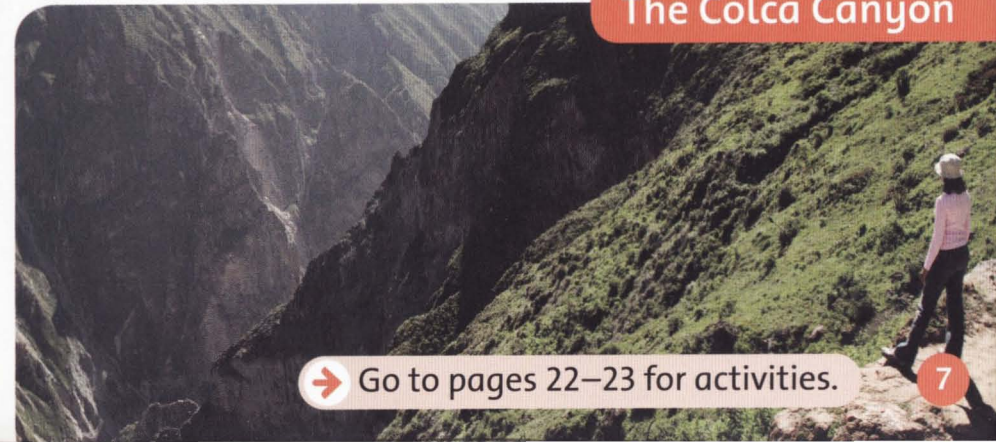
cliff

Cliffs in Australia

The land can fall into the ocean and make cliffs. These amazing cliffs are in Australia.

Rivers can make deep valleys in the land. These deep valleys are called canyons. Look at this amazing canyon in Peru. It's called the Colca Canyon.

The Colca Canyon



3

Water

On Earth, there's water in rivers, lakes, and oceans.

Most rivers come from mountains. Snow falls on the mountains. The snow melts and the water goes down the mountains. Rain falls, then more water goes into the rivers. Most rivers go to the ocean.

When a river comes to a cliff, it makes a waterfall. Niagara Falls are amazing waterfalls in Canada and the USA.

An aerial photograph of Niagara Falls, showing the massive volume of water cascading over the edge of the Horseshoe Falls. The surrounding area includes greenery, walkways, and some buildings.

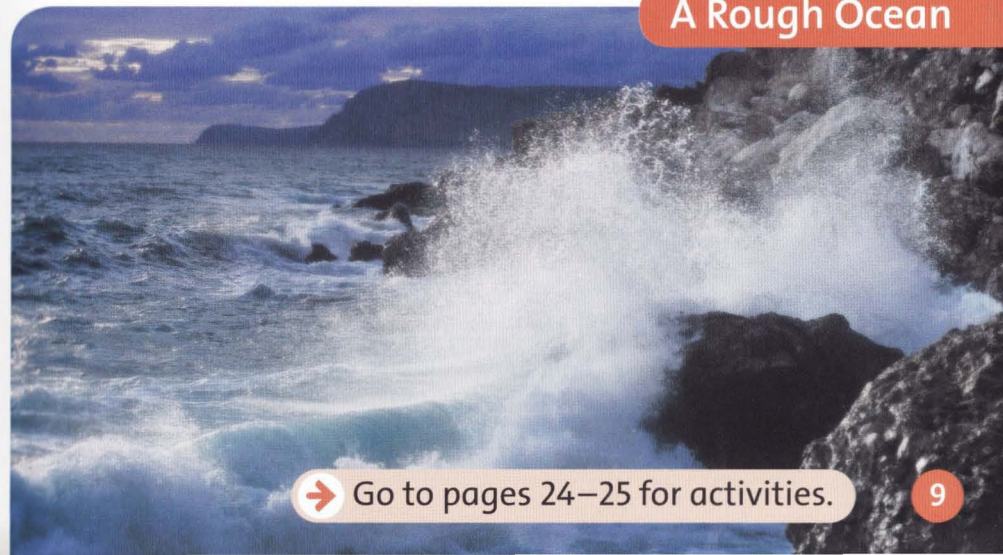
Niagara Falls



A Calm Ocean

When the ocean is calm, the waves are small. People can swim in the ocean when it's calm.

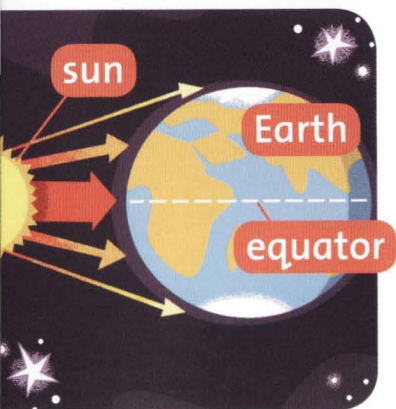
In bad weather, the ocean can be rough. The wind makes big waves. People can't swim in the ocean when it's rough.



A Rough Ocean

4

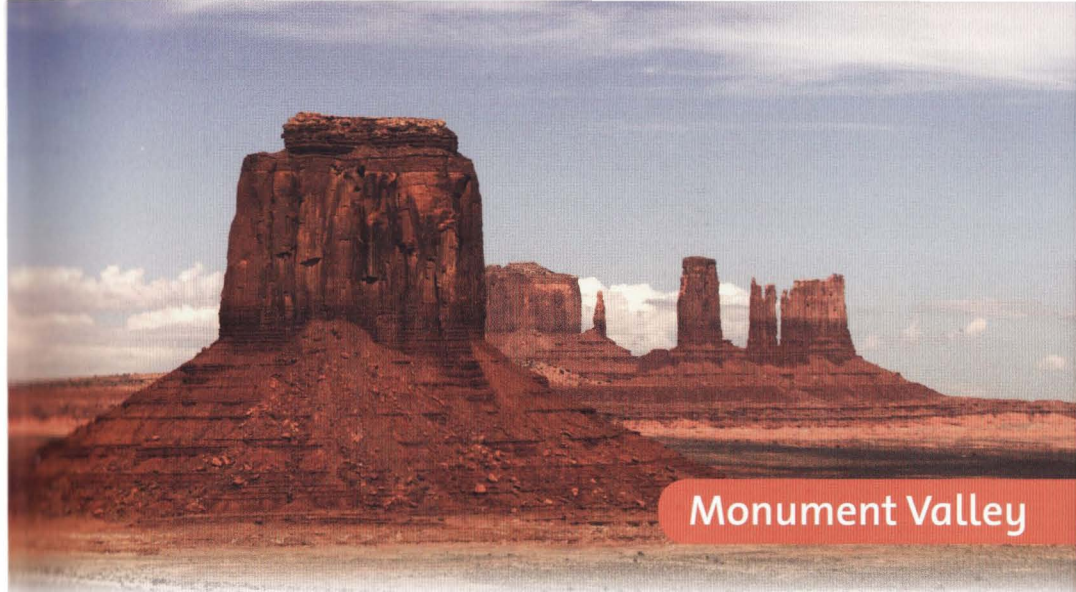
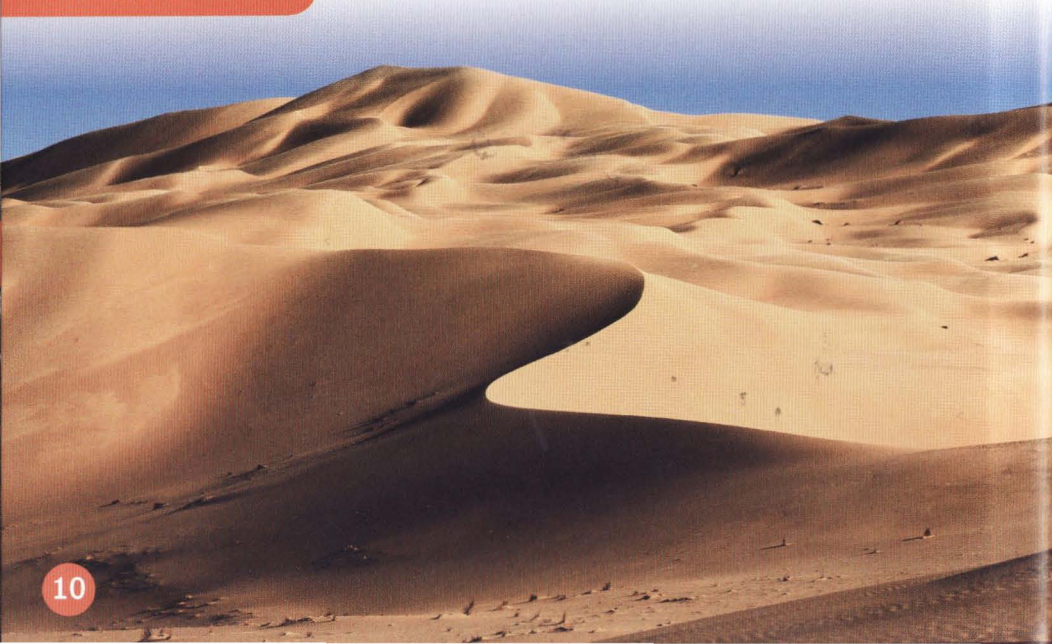
Hot Places



A lot of hot places on Earth are near the equator. Near the equator, the light from the sun is strong. It's often hot in summer and in winter.

There are many hot deserts near the equator.

A Hot Desert



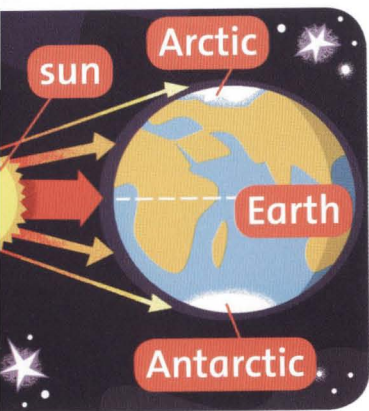
Monument Valley

Monument Valley is in a desert in the USA. It's very hot and sunny there. There are weeks and months with no rain.

In some very hot places in summer, there's no water in the rivers. Plants and fish can't live there.



When it's hot, the lungfish makes a hole in the soil. It can live there with no water!



The Arctic and the Antarctic are very cold places. In the Arctic and the Antarctic, the light from the sun is weak. Winter is very long. It's dark for six months!

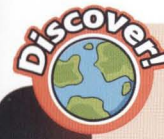
In the Arctic, there's lots of deep snow. People can't drive their cars in the snow, so they use sleds and dogs.

In the Arctic

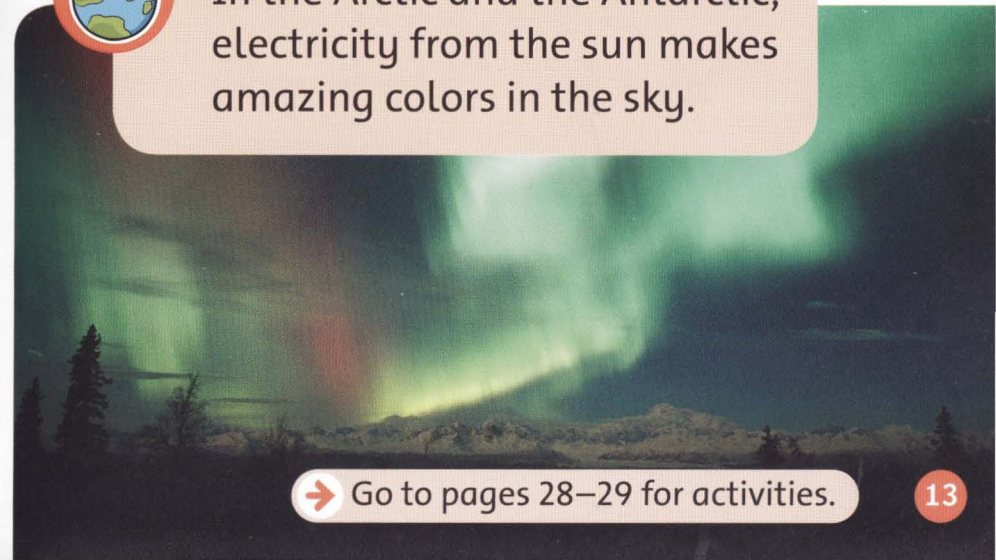


In the Antarctic

There's lots of snow in the Antarctic, too. Penguins live in the Antarctic. When it's very cold, they stand near their friends, so they are not cold.



In the Arctic and the Antarctic, electricity from the sun makes amazing colors in the sky.



6

Wet Places

Do you like cold, rainy days? In some places, there are lots of rainy days. Rain isn't always cold. Rain often comes with hot weather.

In India, there's lots of rain in hot weather. It's rainy there from June to September. People go everywhere with an umbrella. The rainy time in India is called the monsoon.

In the Monsoon



In a Rainforest

It's very wet in rainforests, too. It's often hot and rainy. Many amazing animals and plants live in rainforests.

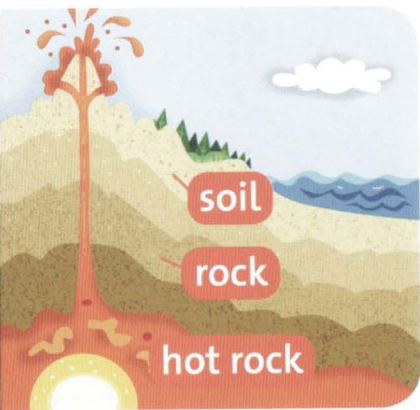


This rainforest plant can eat insects!



7

Under the Land



Let's look at the land. What can we see? We can see soil. Plants live in soil and they find water there. Under the soil, there's rock. Rock is millions of years old.

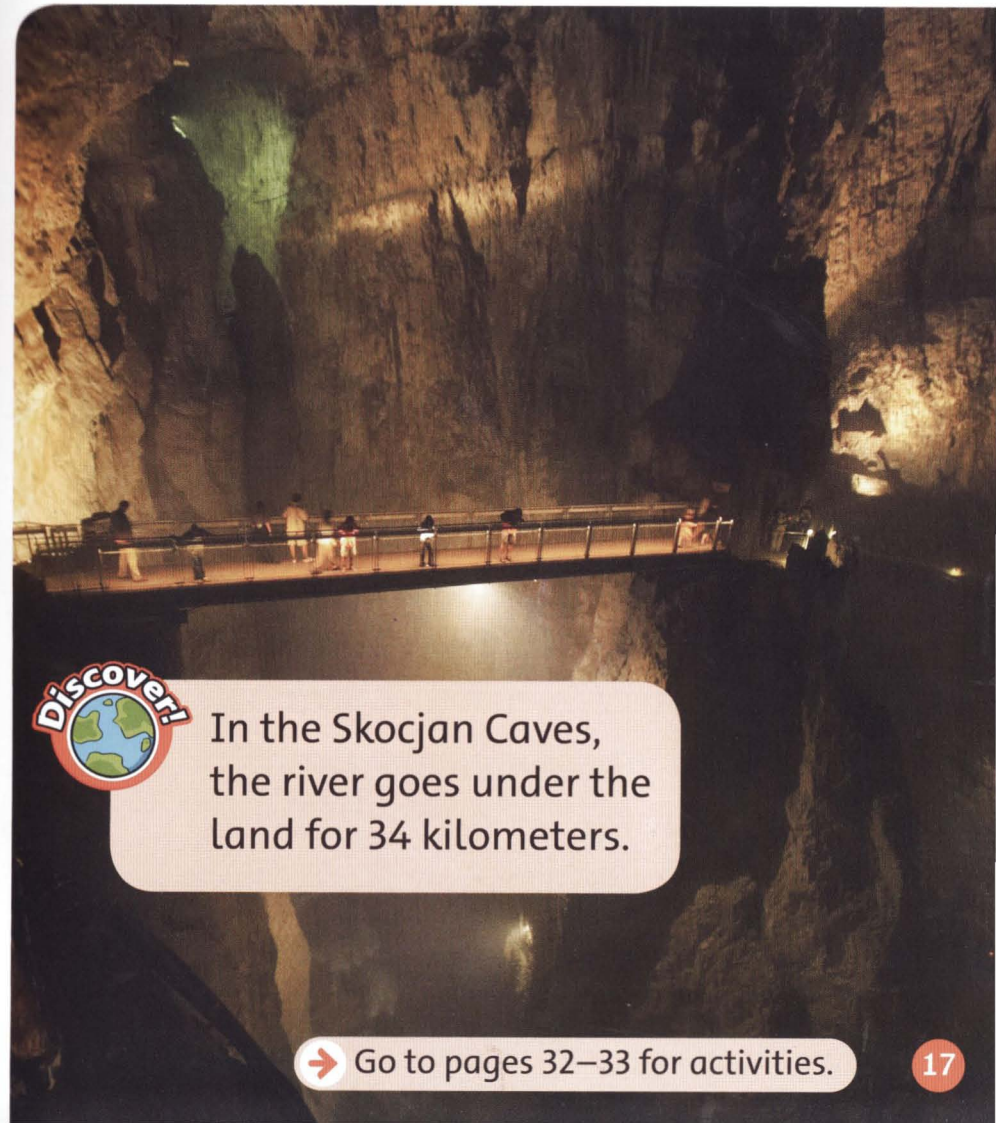
Deep in Earth, the rock is very, very hot. When a volcano erupts, hot rock comes out. People and animals run. They are scared.

A Volcano Erupting



There's water under the land, too. The water can make caves. You can see amazing rock in caves.

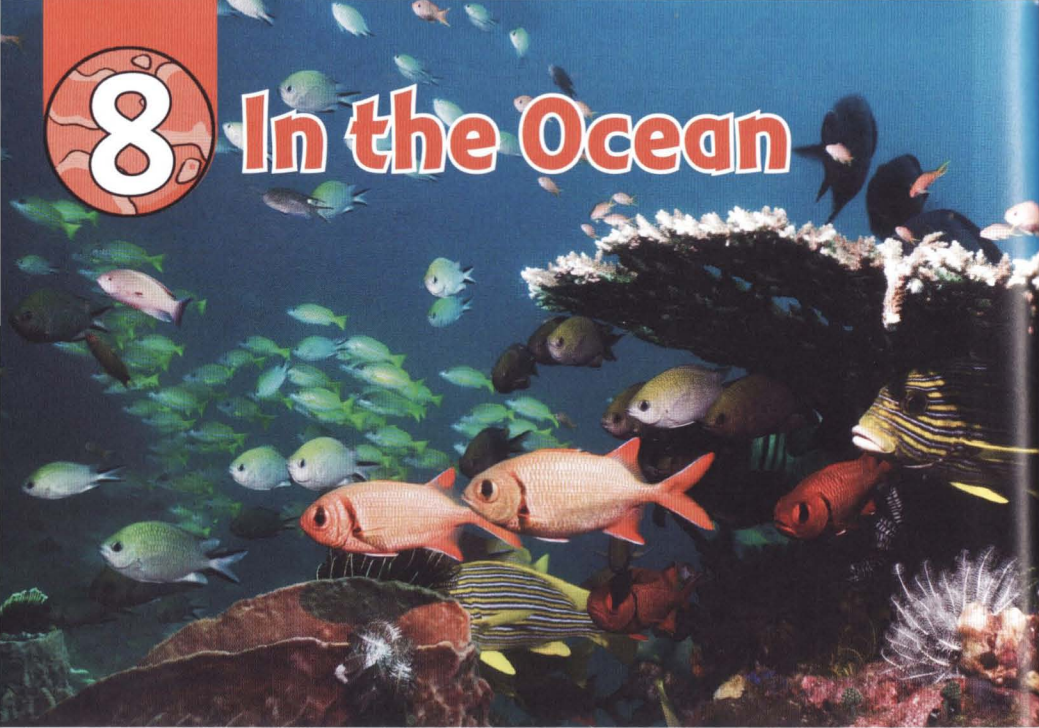
These caves are in Slovenia. They're called the Skocjan Caves.



In the Skocjan Caves, the river goes under the land for 34 kilometers.

8

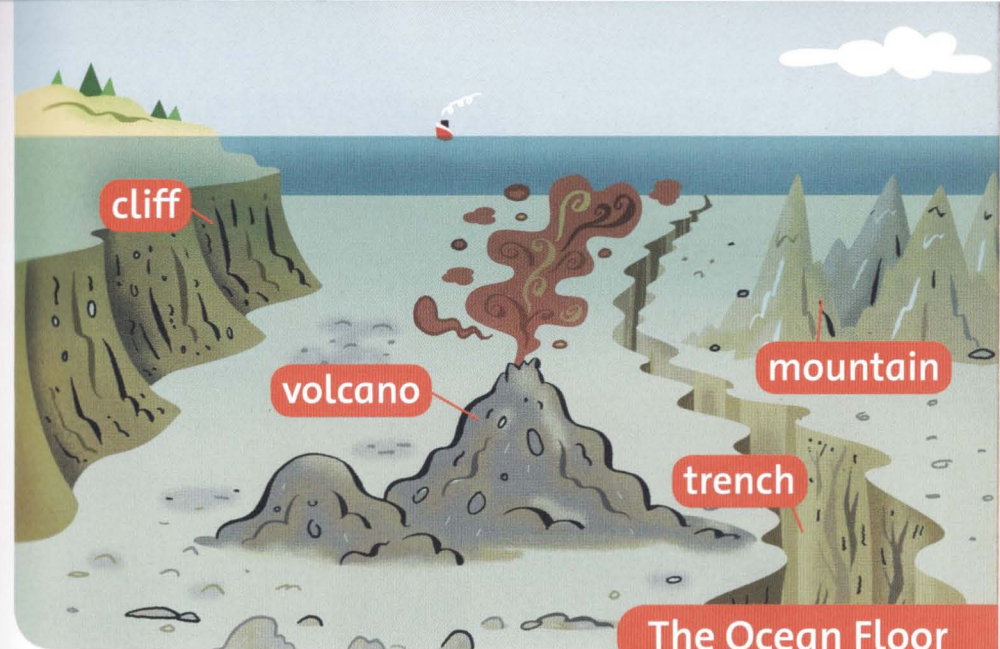
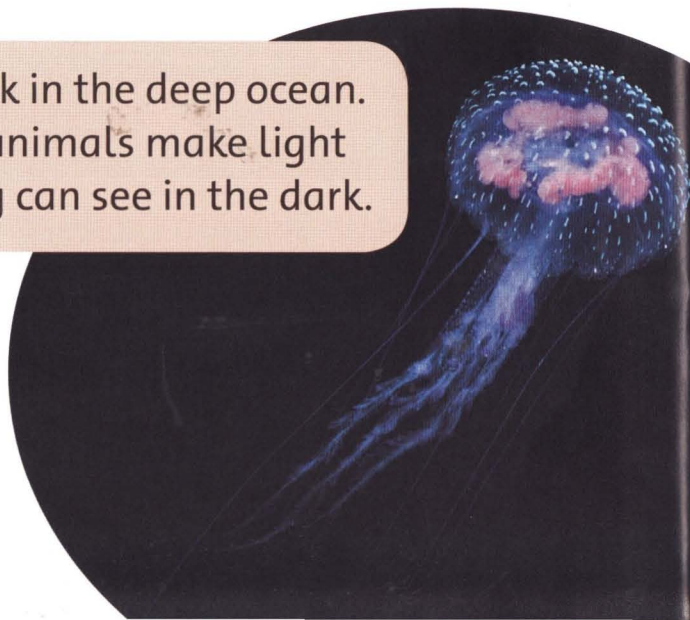
In the Ocean



The ocean is an amazing place. There are millions of fish and plants in the ocean.



It's dark in the deep ocean. Some animals make light so they can see in the dark.



The Ocean Floor

Do you know there are cliffs, mountains, and volcanoes in the ocean? There are long, deep canyons, too. They are called trenches. They are in the ocean floor.

The deep ocean is cold and dark. We can't swim there. We can't see the ocean floor. With new cameras, we can learn more about the deep ocean. Every day we learn new things about Earth.

1 What Is Earth?

← Read pages 4–5.

1 Write the words.

desert river mountain
ocean cloud forest



1 ocean



2 _____



3 _____



4 _____



5 _____



6 _____

2 Circle the correct words.

- 1 Earth is a space / planet.
- 2 There are many planets in space / Earth.
- 3 There's millions / water on Earth.
- 4 Most of Earth's water is in oceans / forests.

3 Complete the sentences.

day goes lakes land one

- 1 There are rivers and lakes on Earth.
- 2 On the _____, there are mountains and deserts.
- 3 Earth turns every _____.
- 4 Earth _____ around the sun every year.
- 5 There's only _____ Earth.

4 Match. Then write the sentences.

On Earth, there's
There's water
Earth is a
Millions of people
Earth

in lakes and rivers.
is our home.
land and water.
live on Earth.
planet.

- 1 On Earth, there's land and water.
- 2 _____
- 3 _____
- 4 _____
- 5 _____

2 Land

← Read pages 6–7.

1 Write the words. Then match.

1 s f c f l i
cliffs

2 a l d n

3 a l y v l e

4 a o y n n c



2 Find and write the words.

mountain millions amazing oceans snowy forest

1 mountain 3 _____ 5 _____

2 _____ 4 _____ 6 _____

3 Circle the correct words.

- 1 We live / ocean on the land.
- 2 The land can be mountains / millions or valleys.
- 3 A mountain / canyon is a deep valley.
- 4 The mountains and valleys on Earth aren't / are very old.
- 5 The land can fall / make into the ocean.

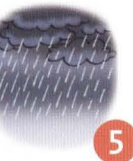
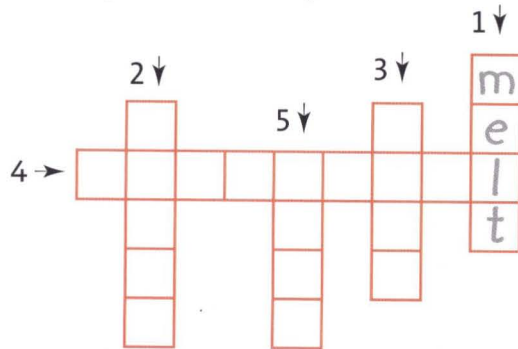
4 Complete the sentences.

- 1 The land is under our feet.
(feet / under / our)
- 2 The land can _____.
(snowy / mountains / be)
- 3 Rivers can _____.
(valleys / deep / make)
- 4 A canyon is _____.
(valley / a / deep)
- 5 There's a _____.
(Peru / in / canyon)
- 6 The mountains on _____.
(old / Earth / are)

3 Water

Read pages 8–9.

1 Complete the puzzle.



2 Write *true* or *false*.

- There's water in rivers.
- Most rivers come from oceans.
- Rain falls, then more water goes into rivers.
- Most rivers go to the ocean.
- When the ocean is calm, the waves are big.
- People can swim in the ocean when it's rough.

true

3 Complete the sentences.

cliff oceans swim wind

- When a river comes to a _____, it makes a waterfall.
- There's water in rivers, lakes, and _____.
- In bad weather, the _____ makes big waves in the ocean.
- You can't _____ in the ocean when it's rough.

4 Answer the questions.

- Where is there water on Earth?
On Earth, there's water in rivers,
lakes, and oceans.
- Where do most rivers come from?

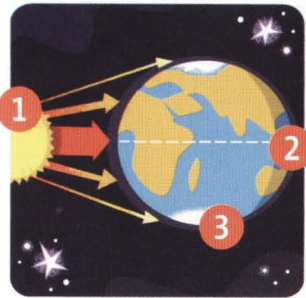
- Where do most rivers go?

- What does a river make when it comes to a cliff?

4 Hot Places

← Read pages 10–11.

1 Write the words.



equator Earth sun

- 1 _____
- 2 _____
- 3 _____

2 Circle the correct words.

- 1 Near the equator, it's often summer / hot in winter.
- 2 There are many hot deserts / strong near the equator.
- 3 When there's no desert / water, the lungfish lives in a hole.
- 4 Fish can't live in plants / rivers with no water.
- 5 It's very hot and sunny / cold in Monument Valley.

3 Match.

- 1 There are a lot of
- 2 Monument Valley is
- 3 It's hot and
- 4 When it's hot, the
- 5 Near the equator,

the light from the sun is strong.
lungfish makes a hole in the soil.
sunny in Monument Valley.
in the USA.
hot places near the equator.

4 Answer the questions.

- 1 Where are there a lot of hot places on Earth?

- 2 Where is Monument Valley?

- 3 How is the weather in Monument Valley?

- 4 What does the lungfish do when it's hot?

5 Cold Places

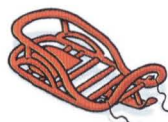
← Read pages 12–13.

1 Write the words.

dog electricity
penguin sled



1 _____



2 _____



3 _____



4 _____

2 Circle the correct words.

- 1 The Arctic is a cold / hot place.
- 2 There's lots of / no snow in the Arctic.
- 3 In the Antarctic, it's hot / dark for six months.
- 4 In the Arctic, people can't / can drive their cars in deep snow.
- 5 Penguins live in the Antarctic / Arctic.
- 6 Penguins stand near their sleds / friends.

3 Complete the sentences.

cold colors snow stand sun winter

- 1 It's very _____ in the Arctic and the Antarctic.
- 2 In the Arctic and the Antarctic, the light from the _____ is weak.
- 3 In the Arctic, the _____ is very deep.
- 4 In the Arctic and the Antarctic, _____ is very long.
- 5 When it's very cold, penguins _____ near their friends.
- 6 Electricity from the sun makes amazing _____ in the sky.

4 Match.

- 1 In the Arctic, people have
- 2 In the Antarctic,
- 3 The Arctic and the Antarctic
- 4 Electricity from the sun makes

amazing colors
in the sky.
there are penguins.
are very cold places.
sleds and dogs.

6 Wet Places

← Read pages 14–15.

1 Write the words. Then match.

1 fajers on tr

2 sl t n a p

3 be u a l r m l

4 n c t e s s i



2 Find and write the words.

cold rainy hot weather monsoon summer

1 _____	3 _____	5 _____
2 _____	4 _____	6 _____

3 Circle the correct words.

- 1 Rain is / isn't always cold.
- 2 In India, it's rainy / sunny from June to September.
- 3 In India, the rainy time is called the weather / monsoon.
- 4 Rainforests are water / wet places.
- 5 There are flowers in umbrellas / rainforests.
- 6 There are / aren't amazing plants in rainforests.

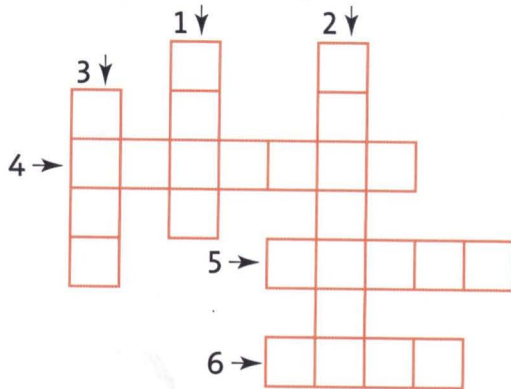
4 Complete the sentences.

- 1 The monsoon _____.
(rainy / time / the / is)
- 2 It's often hot _____.
(rainforests / in / rainy / and)
- 3 There are amazing _____.
(in / animals / rainforests)
- 4 One rainforest plant _____.
(eat / can / insects)

7 Under the Land

← Read pages 16–17.

1 Complete the puzzle.



1



2



3



4



5



6

2 Write *true* or *false*.

- 1 You can't see soil on the land. _____
- 2 Plants live in soil. _____
- 3 Deep in Earth, the rock is very cold. _____
- 4 Water can make caves. _____
- 5 You can see amazing rock in caves. _____
- 6 There are caves in Slovenia. _____

3 Complete the sentences.

caves find volcano people rock Water

- 1 Plants _____ water in soil.
- 2 The _____ under the land is very old.
- 3 When a _____ erupts, hot rock comes out.
- 4 When a volcano erupts, _____ are scared.
- 5 _____ under the land can make caves.
- 6 You can see amazing rock in _____.

4 Answer the questions.

- 1 What is under the soil?

- 2 How old is rock?

- 3 What comes out when a volcano erupts?

- 4 What can you see in caves?

8 In the Ocean

← Read pages 18–19.

1 Circle the correct words.

- 1 The ocean is an amazing **mountain** / **place**.
- 2 There are millions of **fish** / **people** in the ocean.
- 3 Some **animals** / **millions** live in the deep ocean.
- 4 There **are** / **aren't** cliffs and mountains in the ocean.
- 5 It's **light** / **dark** in the deep ocean.
- 6 Every day we learn **new** / **old** things about Earth.

2 Match.

- 1 There are millions of
- 2 Trenches are
- 3 Some animals
- 4 It's very cold and

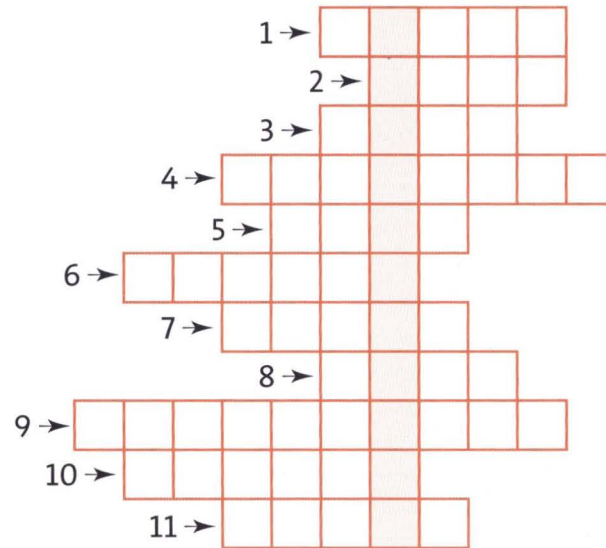
long, deep canyons.
dark in the deep ocean.
plants in the ocean.
make light.

3 Answer the questions.

1 What are trenches?

2 Is it hot or cold in the deep ocean?

4 Complete the puzzle. Find the secret words.



The secret words are:

P _ _ _ _ _

E _ _ _ _



Project 1

My Country Poster

- 1 Complete the chart. Write the names of places, animals, and plants in your country.

In My Country	
A River _____	A Lake _____
A Mountain _____	A Forest _____
Animals _____ _____ _____	Plants _____ _____ _____

- 2 Make a poster. Find or draw pictures of the places, animals, and plants. Write their names.
- 3 Display your poster.

Project 2

Information Cards

- 1 Complete the information cards about amazing places on Earth.

Place	Colca Canyon
What is it?	It's a canyon.
Where is it?	It's in Peru.

Place	_____
What is it?	_____
Where is it?	_____

Place	_____
What is it?	_____
Where is it?	_____

- 2 Make more information cards about amazing places on Earth.
- 3 Display your information cards.

Picture Dictionary



cave



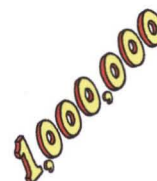
cliffs



cloud



dark



million



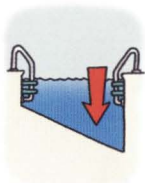
mountain



near



ocean



deep



desert



down



Earth



planet



plants



rainforest



river



electricity



fall



forest



insects



rock



soil



space



valley



lake



land



light



melt



volcano



water



waterfall



waves



Oxford Read and Discover

Series Editor: Hazel Geatches • CLIL Adviser: John Clegg

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Subject Area Level	The World of Science & Technology	The Natural World	The World of Arts & Social Studies
1 300 headwords	<ul style="list-style-type: none">• Eyes• Fruit• Trees• Wheels	<ul style="list-style-type: none">• At the Beach• Camouflage• In the Sky• Young Animals	<ul style="list-style-type: none">• Art• Schools
2 450 headwords	<ul style="list-style-type: none">• Electricity• Plastic• Sunny and Rainy• Your Body	<ul style="list-style-type: none">• Earth• Farms• In the Mountains• Wild Cats	<ul style="list-style-type: none">• Cities• Jobs
3 600 headwords	<ul style="list-style-type: none">• How We Make Products• Sound and Music• Super Structures• Your Five Senses	<ul style="list-style-type: none">• Amazing Minibeasts• Animals in the Air• Life in Rainforests• Wonderful Water	<ul style="list-style-type: none">• Festivals Around the World• Free Time Around the World
4 750 headwords	<ul style="list-style-type: none">• All About Plants• How to Stay Healthy• Machines Then and Now• Why We Recycle	<ul style="list-style-type: none">• All About Desert Life• All About Ocean Life• Animals at Night• Incredible Earth	<ul style="list-style-type: none">• Animals in Art• Wonders of the Past
5 900 headwords	<ul style="list-style-type: none">• Materials to Products• Medicine Then and Now• Transportation Then and Now• Wild Weather	<ul style="list-style-type: none">• All About Islands• Animal Life Cycles• Exploring Our World• Great Migrations	<ul style="list-style-type: none">• Homes Around the World• Our World in Art
6 1,500 headwords	<ul style="list-style-type: none">• Cells and Microbes• Clothes Then and Now• Incredible Energy• Your Amazing Body	<ul style="list-style-type: none">• All About Space• Caring for Our Planet• Earth Then and Now• Wonderful Ecosystems	<ul style="list-style-type: none">• Food Around the World• Helping Around the World

Readers in GRAY available 2013

	Metric measurement	Customary measurement
Page 17	34 kilometers	21 miles